

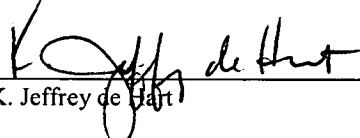


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K. Jeffrey de Hart

Applicant : Mario Gerla, et al. Confirmation No.3983
Application No. : 10/550,806
Filed : September 23, 2005
Title : METHOD AND APPARATUS FOR IMPROVED DATA
TRANSMISSION
Grp./Div. : 2616
Examiner : Lynn Diana Feild
Docket No. : 51990/R268

INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
July 27, 2007

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Application No. 10/550,806

The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

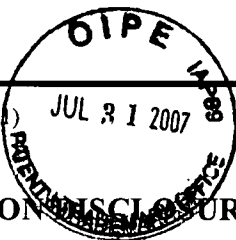
By 

Josephine E. Chang
Reg. No. 46,083
626/795-9900

JEC/kjd

Enclosures: PTO/SB/08A/B, w/references

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Attorney Docket Number	51990/R268
Application Number	10/550,806
Filing Date	September 23, 2005
Applicant(s)	Mario Gerla, et al.
Group Art Unit	2616
Examiner Name	Lynn Diana Field /C.E./

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/C.E./		ALLMAN, et al., "Increasing TCP's Initial Window," TCP Implementation Working Group Internet Draft (working document of the Internet Engineering Task Force (IETF)), April 1998, pp. 1-12, http://tools.ietf.org/html/draft-floyd-incr-init-win-02 , Sterling, Virginia, USA.
/C.E./		AGGARWAL, et al., "Understanding the Performance of TCP Pacing," Proc. of the IEEE INFOCOM 2000 Conference on Computer Communications, March 2000, pp.1157-1165, http://www.cs.washington.edu/homes/tom/pubs/pacing.html , Tel Aviv, Israel.
/C.E./		BRAKMO et al., "TCP Vegas: End to End Congestion Avoidance on a Global Internet," IEEE Journal on Selected Areas in Communications, October 1995, pp. 1465-1480, Vol. 13, No. 8, IEEE, New York, New York, USA.

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OTHER DOCUMENTS		
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/C.E./		MASCOLO, et al., "TCP Westwood: Bandwidth Estimation for Enhanced Transport over Wireless Links," In Proceedings of Mobicom 2001, July 2001, pp. 287-297, ACM SIGMOBILE, Rome, Italy.
/C.E./		DOVROLIS, et al., "What do packet dispersion techniques measure?", In Proceedings of Infocom 2001, April 2001, 10 pp., Anchorage, Alaska, USA.
/C.E./		DUTTA et al., "An Early Bandwidth Notification (EBN) Architecture for Dynamic Bandwidth Environment," Proceedings of IEEE International Conference on Communications (ICC '02), April 2002, pp. 2602-2606, IEEE, New York, New York, USA.
/C.E./		RIZZO, "Dummysnet: a simple approach to the evaluation of network protocols," ACM Computer Communication Review, January 1997, 11 pp., Vol. 27, n. 1, Italy.
/C.E./		RIZZO, "Dummysnet," IP Dummysnet, Univ. di Pisa, 9 pp., http://info.iet.unipi.it/~luigi/ip_dummysnet/ , Pisa, Italy.
/C.E./		FLOYD, "HighSpeed TCP for Large Congestion Windows," Internet draft, work in progress, http://tools.ietf.org/html/draft-ietf-tsvwg-highspeed-01 , August 2003, pp. 1-36, ICSI Center for Internet Research.
/C.E./		GUO, et al., "The War between Mice and Elephants," In Proceedings of ICNP 2001: The 9th IEEE International Conference on Network Protocols, November 2001, Riverside, California, USA.
/C.E./		HOE, "Improving the Start-up Behavior of A Congestion Control Scheme for TCP," Proc. ACM SIGCOMM '96, pp. 270-280 (11 sheets).
/C.E./		KELLY, "Scalable TCP: Improving Performance in Highspeed Wide Area Networks," Submitted for publication, December 21, 2002, pp. 1-12.
/C.E./		KATABI, et al., "Internet Congestion Control for Future High Bandwidth-Delay Product Environments," In Proceedings of Sigcomm 2002, pp. 1-16.
/C.E./		LEE, et al., "Improving the Fairness and the Response Time of TCP-Vegas," In Lecture Notes in Computer Science, 13 pp., Springer Verlag.
/C.E./		PADMANABHAN, et al., "TCP Fast Start: A Technique For Speeding Up Web Transfers," Proceedings of IEEE Globecom '98 Internet Mini-Conference, November 1998, 6 pp., Sydney, Australia.

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/C.E./		WANG, et al., "Using Adaptive Rate Estimation to Provide Enhanced and Robust Transport over Heterogeneous Networks," 10th IEEE International Conference on Network Protocols (ICNP 2002), November 2002, 10 pp., Paris, France.
/C.E./		ZHANG, et al., "Optimizing TCP Start-up Performance," Cornell CSD Technical Report, February, 1999, pp. 1-23.
/C.E./		CHEN, et al., "Fluid-flow Analysis of TCP Westwood with RED," Proceedings of Globecom 2003, November 2003, 5 pp., San Francisco, California, USA.
/C.E./		ALLMAN, end2end-interest discussion group, http://www.postel.org/pipermail/end2end-interest/2003-July.txt , July 2003, p.1-111.
/C.E./		KESHAV, "A Control-Theoretic Approach to Flow Control," In Proceeding of ACM SIGCOM, September 1991, pp. 3-15 (13 sheets).

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